Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096438.D
Acq On : 3 Jul 2017 13:51
Operator : SJ/MA
Sample : I3908-08 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** G-59-1.5-3

**Manual Integrations APPROVED**
mohammad
7/5/2017 11:41:10 AM

Quant Time: Jul 03 16:49:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 117455 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.00 | 136 | 423894 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.76 | 164 | 171436 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.23 | 188 | 237861 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.86 | 240 | 187849 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.27 | 264 | 160362 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 228328 | 28.69 | ng | | -0.02 |
| 7) Phenol-d6 | 6.35 | 99 | 293764 | 30.03 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.27 | 82 | 139015 | 19.71 | ng | | -0.03 |
| 41) 2,4,6-Tribromophenol | 10.54 | 330 | 36686 | 27.40 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.08 | 172 | 260234 | 25.95 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.82 | 244 | 137200 | 15.61 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.03 | 128 | 47376 | 2.367 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.72 | 142 | 35836 | 2.813 | ng | | 95 |
| 49) Dimethylphthalate | 9.47 | 163 | 30517 | 2.385 | ng | | 97 |
| 74) Fluoranthene | 12.44 | 202 | 106657 | 8.460 | ng | | 98 |
| 77) Pyrene | 12.67 | 202 | 103123 | 6.839 | ng | | 97 |
| 80) Benzo(a)anthracene | 13.86 | 228 | 61474 | 5.651 | ng | # | 91 |
| 82) Chrysene | 13.89 | 228 | 63017m | 5.532 | ng | | |
| 85) Indeno(1,2,3-cd)pyrene | 16.63 | 276 | 23713 | 2.637 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 14.87 | 252 | 70465m | 7.013 | ng | | |
| 88) Benzo(k)fluoranthene | 14.90 | 252 | 25008m | 2.782 | ng | | |
| 89) Benzo(a)pyrene | 15.22 | 252 | 42962 | 4.789 | ng | # | 90 |
| 91) Benzo(g,h,i)perylene | 17.05 | 276 | 22757 | 3.112 | ng | # | 87 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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